



FEMP eTraining Core Courses

No cost, No travel

Open-access 24/7

Instructors with federal experience
Courses completed at your own pace

Renewable Energy Technology Applications

7-part series

Each course offers 0.1 CEU

An excellent overview
of the most widely used renewable technologies in use today

Details best practices and specific site requirements
to select the most cost effective applications

Each course includes a brief look at promising technologies
on the horizon

REGISTER NOW!

Instructor: Andy Walker, PhD

Principal Engineer

National Renewable Energy Laboratory

*After completing a course evaluation
and quiz, receive a
Certificate of Completion
and
IACET Continuing Education Units*

FEMP 23: Photovoltaics and Daylighting Technology

Common photovoltaic technology applications and components and methods to maximize daylight penetration and distribution in interior spaces

FEMP 24: Solar Thermal and Concentrating Solar Power Technology

Solar ventilation air preheating, solar water heating, types of solar collectors, dish engine technology, parabolic troughs, linear Fresnel systems, and power towers

FEMP 25: Wind Energy Technology

Evaluating wind resources, siting turbines, types of towers, and scale-oriented wind applications

FEMP 26: Biomass Technologies

Biomass sources and conversion processes including direct combustion, gasification, and pyrolysis

FEMP 27: Hydropower and Ocean Energy Technologies

Hydropower including dams, micro-hydro, and run-of-river, as well as ocean energy technologies for wave, tidal, current, and ocean thermal energy conversion

FEMP 28: Geothermal Energy Technologies

Open- and closed-loop ground source heat pumps; dry steam, flash steam, and binary cycle geothermal power technologies

FEMP 29: Integration of Renewable Energy Systems

Covers net metering as well as grid integration challenges and solutions at the building, substation, grid, and utility levels

FEMP Core Courses are designed for Federal energy and facility managers, but are open to all individuals at femp.energy.gov/training.

Hosted in partnership with the National Institute of Building Sciences Whole Building Design Guide at http://www.wbdg.org/education/femp_ce.php.

Requires Google Chrome, Firefox 4.0+, Internet Explorer 7.0+ or Safari, and the Adobe Flash 9+ plugin. For more information contact: Beverly.Dyer@ee.doe.gov.

Check out other free, self-paced
FEMP Core Courses at
femp.energy.gov/training

IACET FEMP is an authorized
provider of IACET CEUs